

FORM
5A

Rev
06/12

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:
400265372

Date Received:
04/12/2012

COMPLETED INTERVAL REPORT

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

1. OGCC Operator Number: 46290
2. Name of Operator: K P KAUFFMAN COMPANY INC
3. Address: 1675 BROADWAY, STE 2800
City: DENVER State: CO Zip: 80202
4. Contact Name: Susana Lara-Mesa
Phone: (303) 825-4822
Fax: (303) 825-4822

5. API Number 05-123-35080-00
6. County: WELD
7. Well Name: Sunmarke
Well Number: 19-28-11
8. Location: QtrQtr: SESW Section: 28 Township: 4N Range: 67W Meridian: 6
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: NIOBRARA-CODELL Status: PRODUCING Treatment Type: _____
Treatment Date: 03/29/2012 End Date: _____ Date of First Production this formation: 04/07/2012
Perforations Top: 7439 Bottom: 7454 No. Holes: 45 Hole size: 3/7
Provide a brief summary of the formation treatment: Open Hole:

Codell Frac
Formation break 2950 psi and 3.48 bpm. ISIP 2967 psi, 1 min 2773 psi, 5 min 2436 psi, leakoff 337 psi.
FR water pad 4431 psi @ 53.34 bpm.
0.25-0.75 ppg Ottawa 30/50 sand at 4431 psi at 53.34 bpm.
0.75-1.25 ppg Ottawa 30/50 sand at 4407 psi at 53.22 bpm
1.25-1.50 ppg Ottawa 30/50 sand at 4348 psi at 53.18 bpm
1.50-1.75 ppg Ottawa 30/50 sand at 4448 psi at 54.63 bpm
Flush at 4576 psi at 51.43 bpm begin 15 % HCL acid at 3852 psi at 25.39 bpm. Resume flush at 4065 psi at 26.13 bpm
ISIP 3288 psi, 5 mi 3249 psi, 10 min 3221 psi
Pumped 4487.5 bbls FR Water 3177.2 bbls

Niobrara Frac
Formation break at 3446 psi at 1.7 bpm. ISIP 3420 psi, 1 min 3303 psi, 5 min 3119 psi
0.25-0.75 ppg Ottawa sand 4710 psi at 55.19 bpm
0.75-1.25 ppg Ottawa 30/50 sand at 4646 psi 55.04 bpm
1.25-1.50 ppg Ottawa 30/50 sand at 4689 psi 54.99 bpm
1.50-1.75 ppg Ottawa 30/50 sand at 4948 psi 54.08 bpm
Shut down. ISIP 4235 psi.
Pumped 5126 bbls FR Water 3934.0 bbls SLF
Avg press 4801 psi, avg rate 54.81 bpm, max press 5904 psi, max rate 56.41 bpm

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): _____ Max pressure during treatment (psi): _____
Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): _____
Type of gas used in treatment: _____ Number of staged intervals: _____
Total acid used in treatment (bbl): _____ Max frac gradient (psi/ft): _____
Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____ Disposition method for flowback: _____
Total proppant used (lbs): _____ Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 04/07/2012 Hours: 24 Bbl oil: 30 Mcf Gas: 75 Bbl H2O: 6
Calculated 24 hour rate: Bbl oil: 24 Mcf Gas: 75 Bbl H2O: 6 GOR: 2500
Test Method: Flowing Casing PSI: 650 Tubing PSI: _____ Choke Size: _____
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1316 API Gravity Oil: 50
Tubing Size: _____ Tubing Setting Depth: _____ Tbg setting date: _____ Packer Depth: _____
Reason for Non-Production: _____
Date formation Abandoned: _____ Squeeze: Yes No If yes, number of sacks cmt _____
Bridge Plug Depth: _____ Sacks cement on top: _____

Comment: _____

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.
Signed: _____ Print Name: Susana Lara-Mesa
Title: Engineering Project Mgr Date: 4/12/2012 slaramesa@kpk.com

Email
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Attachment Check List

Att Doc Num	Name
400265372	FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Added GOR & Changed from commingled to producing per operator.	6/20/2012 3:37:28 PM
Permit	changed date of 1st production from 07-04-2012 to 04-07-2012 per operator.	5/17/2012 8:58:15 AM

Total: 2 comment(s)